AFEPASA
PALLARÈS SULPHUR
SINCE 1893

Product catalogue

cracintech VITACRACIN

Designed to **recover soil** with high nutrient lockout, poor structure or low moisture retention; symptoms of a poor microbiome which has deteriorated through use.

6 species
Endomycorrhizae + Rhizobacteria

WP
Wettable grey-coloured powder

Expiry
1 year

Boxes
of 1 kg
(2 bags x 500g)

Registration
As fertilizer for micro-organisms
F0003964

Organic
Ecocert Certificate
F-32600

afepasa.com/en

cracintech
VITACRACIN

Composition

Mycorrhizal fungi:
600 spores/g

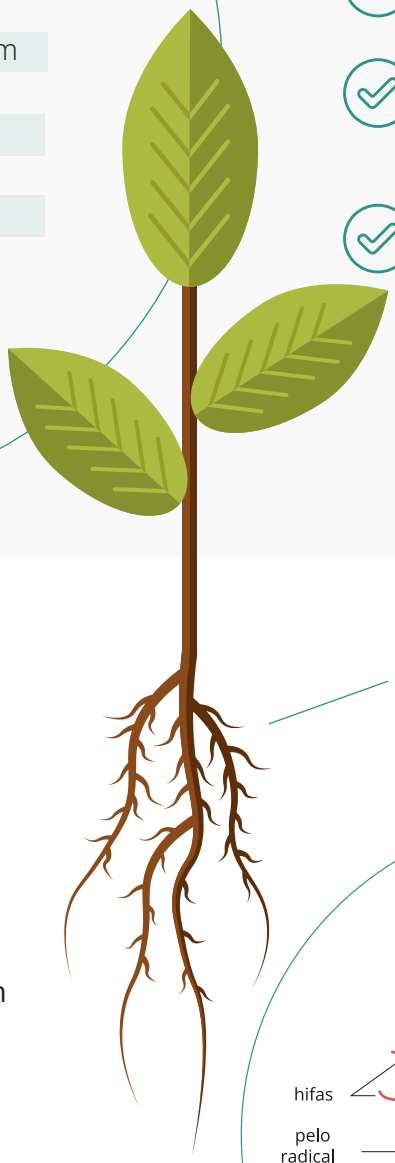
- Rhizophagus irregularis
- Septoglomus deserticola
- Claroideoglomus etunicatum

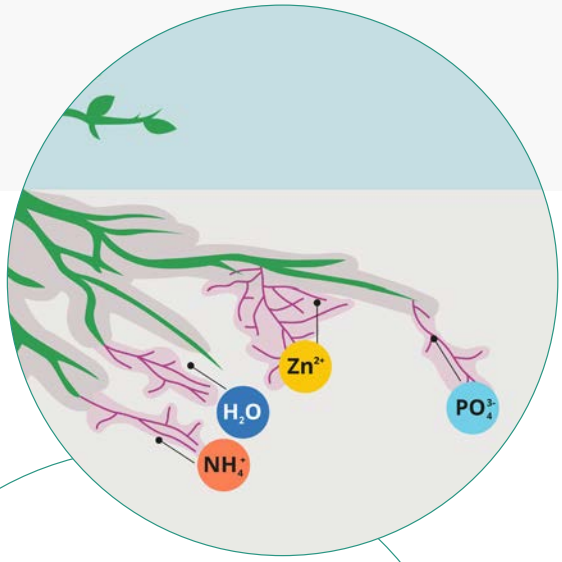
Rhizobacteria: 2x10^8 ufc/g

- Bacillus megaterium
- Bacillus subtilis
- Bacillus licheniformis

DENSITY: **0.3-0.5 g/ml**
pH 10% SUSPENSION: **6 - 8**

- 6 species of 2 different groups of micro-organisms, **very adaptable** to different soils and soil horizons (edaphic factors).
- Improves the **root absorption and takes advantage of nutrients** locked out.
- Corrects the **soil structure and moisture retention**.
- **Rhizosphere colonization** (healthy soil) prevents unwanted micro-organisms.
- **Solid soluble formula** which is resistant to **temperature changes during storage and transport.**





Endomycorrhizae

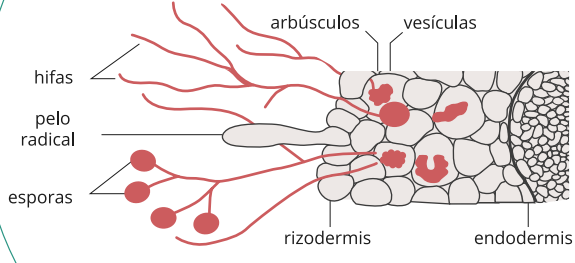
Their hyphae spread through the soil and penetrate the root cells.

Improves:

Root surface in working radius and density

Water and mineral nutrient absorption

Soil structure, preventing leaches and retaining moisture

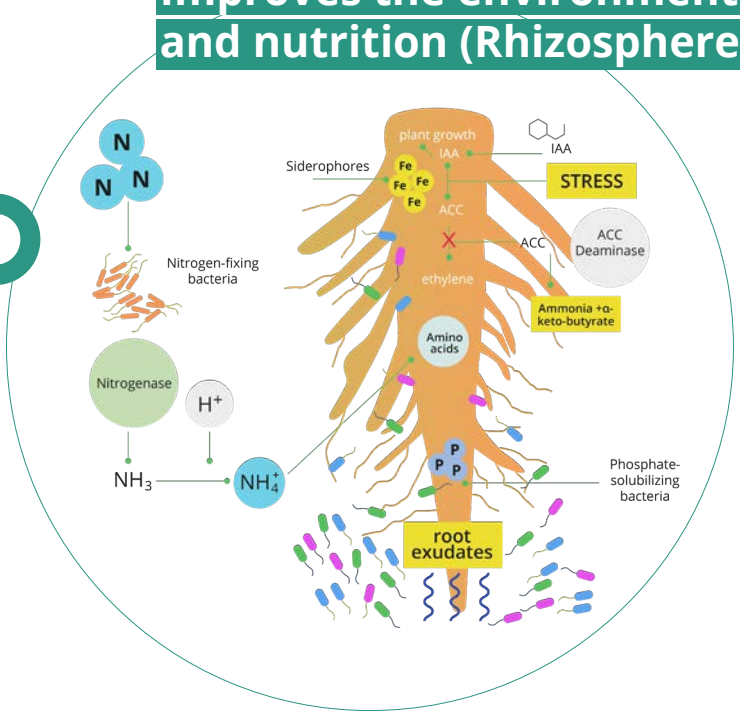


More effective, dense and extensive roots

General Benefits:

- 6 species of 2 different groups of micro-organisms, very adaptable to different soils and soil horizons (edaphic factors)
- Improves the root absorption and takes advantage of nutrients locked out
- Corrects the soil structure and moisture retention
- Rhizosphere colonization (healthy soil) prevents unwanted micro-organisms
- Solid soluble formula which is resistant to temperature changes during storage and transport

Improves the environment and nutrition (Rhizosphere)



Rhizobacteria

Inhabit and alter the environment external to the roots (Rhizosphere).

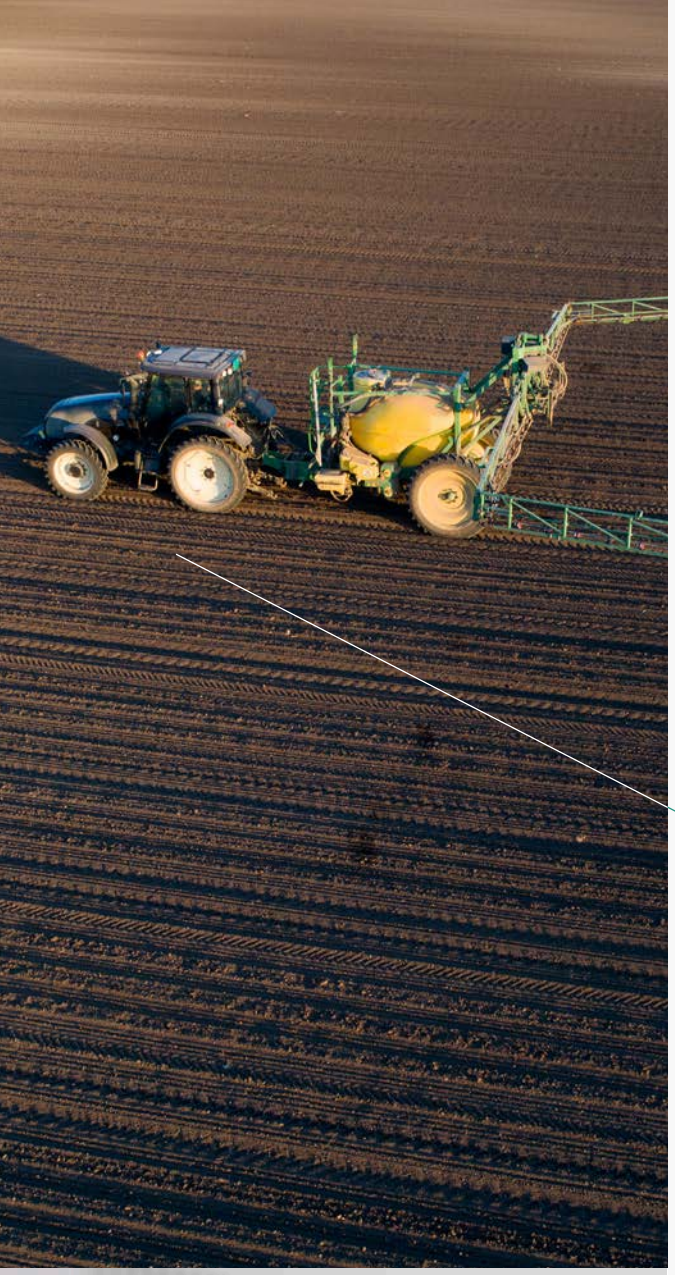
Benefits:

Unlocking of phosphorous and micronutrients in the soil (iron)

Biological atmospheric nitrogen fixation

Stimulate the chlorophyll content in leaves and photosynthesis

Production of natural phytohormones such as auxins, which stimulate the biological cycles of the plant



Application

Exclusively in the soil, directed towards the root bulb

1. Drip irrigation or injection into the root bulb
2. Increase dose by 50% in the case of surface irrigation or spraying
3. The floor can be sprayed directly (e.g. Next to herbicides in extensive agriculture)

Time

At the start of the season

- After sowing, on transplant, or at the start of each crop's annual cycle
- Divide the applications as much as possible depending on the crop conditions

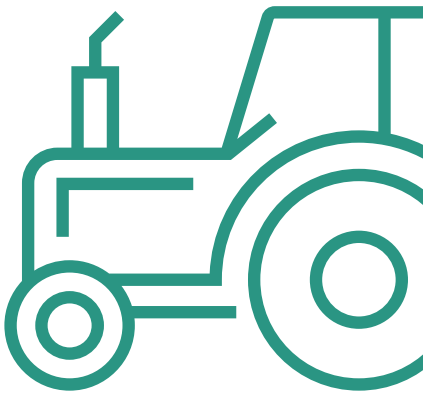
R&D and innovation

We strive to find the best solutions to your needs

Crop and dose

Horticultural Crops (except Brassica vegetables)
1 kg/Ha and season. Divide over 1-2 applications after transplant with a 5-10-day interval

Extensive Herbaceous
1 kg/Ha and season. 1 application after sowing

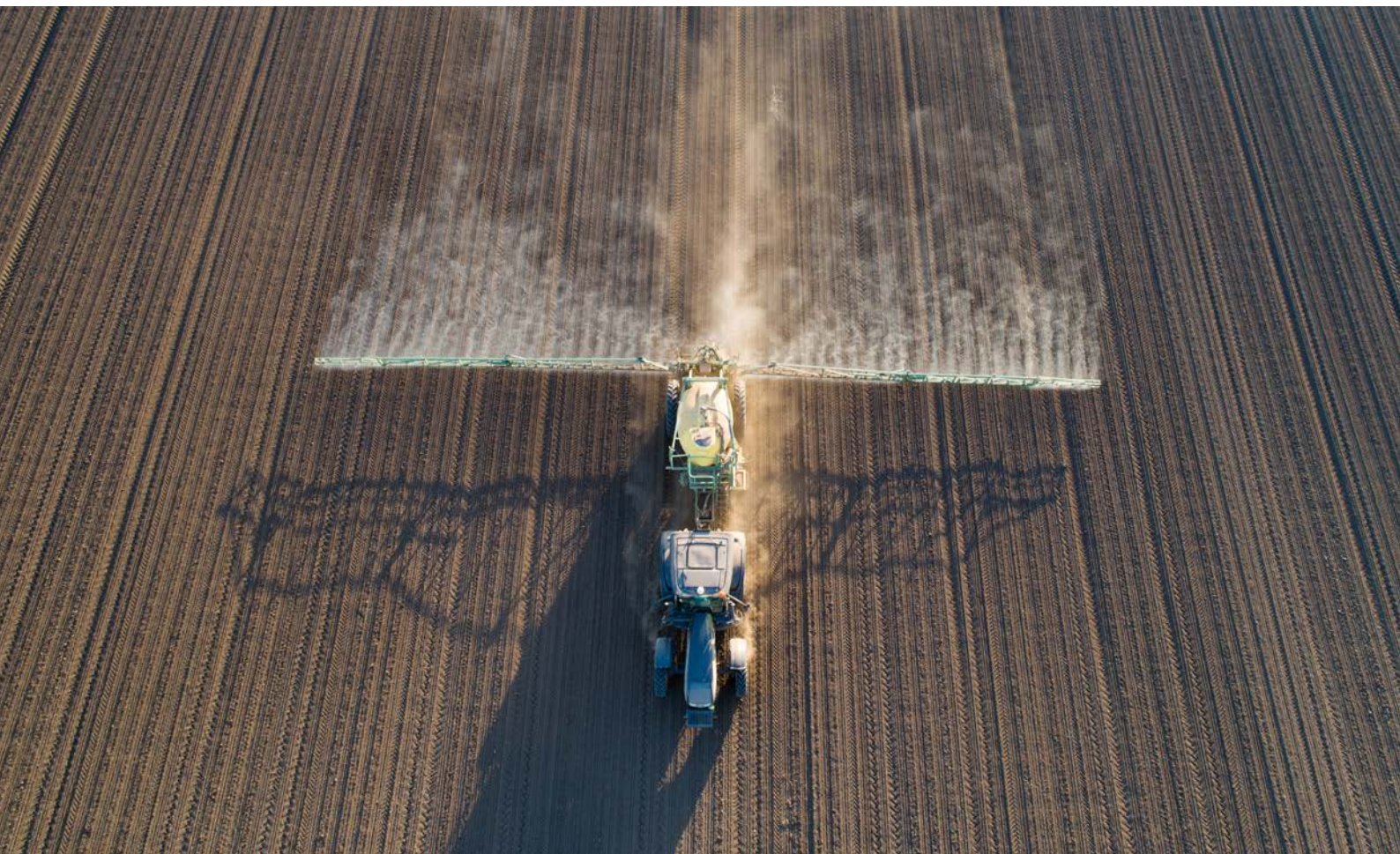


Woody, Fruit, Subtropical and Citrus Crops
2-3 kg/Ha and season. Divide over 1-3 applications from the start of the cycle with a 5-10-day interval

Olive, Vine
1-2 kg/Ha and season. Divide over 1-2 applications from the start of the cycle with a 5-10-day interval

Nurseries and seedbeds (except Brassica vegetables)
1 kg/Ha* and season. Divide over 1-2 applications after transplant with a 5-10-day interval

*Equivalent to the number of plants depending on the normal plant density in the field



Official trials used for product registration

Highly effective with just one dose, improving the yield and strength of the plants

Crop: Melon (Cantaloupe)

Location:	Benifallet (Tarragona, Spain)
Soil:	pH: 8.43 Organic Material: 3.2% Texture: loose clay
Dose:	1 kg/Ha
Application method:	Injection into the irrigation bulb by means of lance
Time of application:	10 days after transplant
Trial design:	Random blocks with 4 repetitions

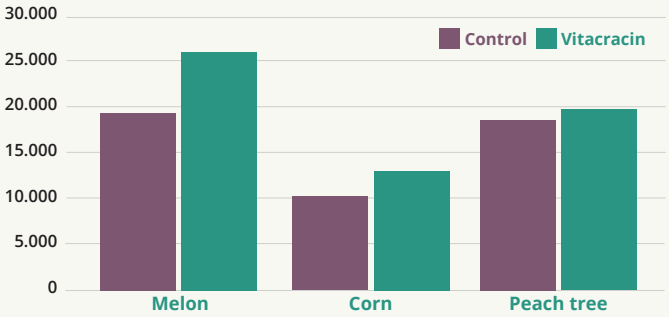
Treatment	Production (Kg/Ha)	Content Chlorophyll	Mortality
Vitacracin	25,977 (+32%)	48.8 (+5,3%)	0.3%
Control	19,593	46.4	2.5%

Crop: Corn (Pioneer P1921Y)

Location:	Lleida (Spain)
Soil:	pH: 8.22 Organic Material: 2.1% Texture: loose
Dose:	1 kg/ha
Application method:	Spraying on the soil by means of backpack sprayer
Time of application:	13 days after sowing
Trial design:	Random blocks with 4 repetitions

Treatment	Production (Kg/Ha)	Content Chlorophyll	Height plants (cm)
Vitacracin	13,112 (+24%)	48.9 (+10,2%)	46.2 (+3.9%)
Control	10,567	44.4	44.5

Very useful in soil exhausted by use after many continuous cultivation cycles



Crop: Peach tree (Royal Summer, rootstock GF-305)

Location:	Bell-lloc d'Urgell (Lleida, Spain)pH:
Soil:	8.19 Organic Material: 4% Texture: loose
Dose:	1 kg/ha
Application method:	Drip irrigation
Time of application:	Start of cultivation. When petals fall
Trial design:	Random blocks with 4 repetitions

Treatment	Production (Kg/Ha)	Content Chlorophyll
Vitacracin	20,117 (+7.5%)	38,7 (+5.3%)
Control	18,714	36.8

130 years specialists in sulphur

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